

New York State Department of Transportation

Yellow Flag NB2258W006

By: Alex Abreu
Flag Date: July 18, 2022

Superseding Information:
No Flags Superseded

Structure Information

BIN: 1065318
Feature Carried: 278I278IX2M23027
Feature Crossed: 6TH AVENUE
Orientation: 8 - NORTHWEST
Region: 11 - NEW YORK CITY
County: KINGS
Political Unit: City of NEW YORK
Approximate Year Built: 1962
Posted Load Matches Inventory : Yes
Bridge Load Posting (Tons) : Not Posted for Load
Primary Owner: New York State Department of Transportation
Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party
Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder
This Bridge is not a Ramp
Number of Spans: 322

Verbal Notification Information

Person Notified: Heinz Joachim, P.E.
Date: July 18, 2022 2:00:00 PM
Of: NYSDOT Region 11

Signature Information

Signature: Alex Abreu, P.E. 099761-1
Date: July 22, 2022
Reviewed By: Robert Kemp
Date: July 22, 2022

Attachments: 6

Flagged Elements

Parent Element	Element	Total Quantity	Unit
Span Number : 210			
	113 - Steel Stringer	104	ft
	PR831 - Steel Beam End	42	each

Flagged Condition Description

This Yellow Flag No. NB2258W006 is NEW.

Location: Span 210, Stringer S2 at Pier 210 over 3rd Avenue Eastbound.

Description: The right connection angle at Stringer S2 in Span 210 at Pier 210 exhibits a full height vertical thru crack in the fillet of the connection angle (Photo 5). The left side connection angle exhibits no significant defects. The stringer end at the pier has previously installed steel reinforcement angles which exhibit no significant defects and the stringer bottom flange is connected to the pier top flange with no significant defects at the connection (Photos 4 and 6). Refer to the Yellow Flag Condition Sketch (Photo 2) for more details.

This is a newly flagged condition.

Notes:

1. Stringer S2 receives no direct live loading, but supports the barrier/railing above on I278.
2. The adjacent Girder G19 has a previous repair to the girder web and bottom flange and is in good condition.
3. A double left lane closure at 3rd Avenue In-Bound (Manhattan) between 29th-30th Street and a 35' bucket truck are required to access this location.

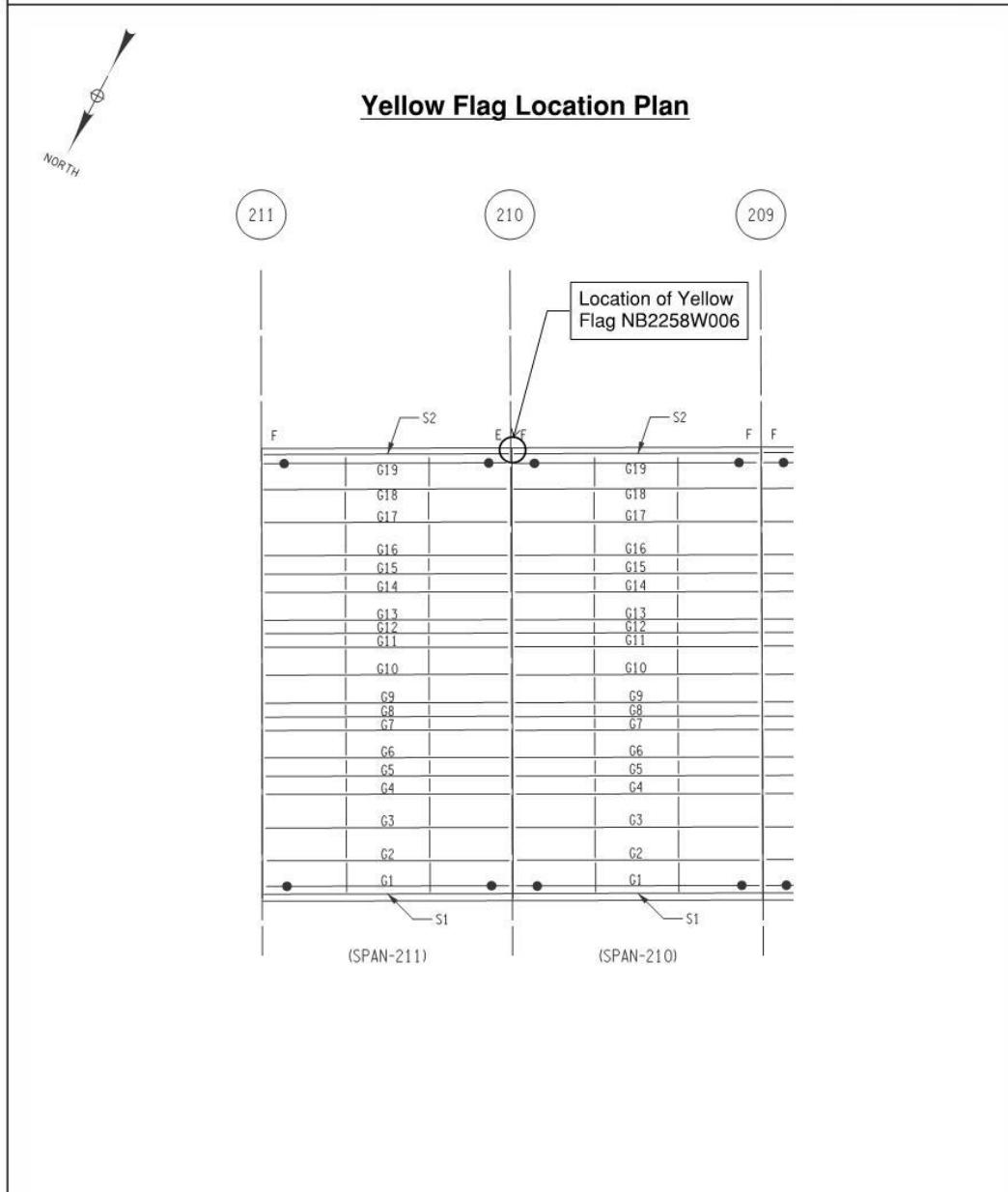
Flag PhotographsPhoto Number: **1**Photo Filename: **22_Flag Location Plan.jpg**Gowanus Expressway
2022 Biennial Inspection - Field SketchBIN: 1065318Team: AA/TSDate: 07/18/2022Span: 210Location: Stringer S2 at Pier 210**wsp****Attachment Description: Yellow Flag Location Plan**

Photo Number: 2

Photo Filename: 22_Span 210_Pier 210_Stringer S2_Connection

Gowanus Expressway
2022 Biennial Inspection - Field Sketch

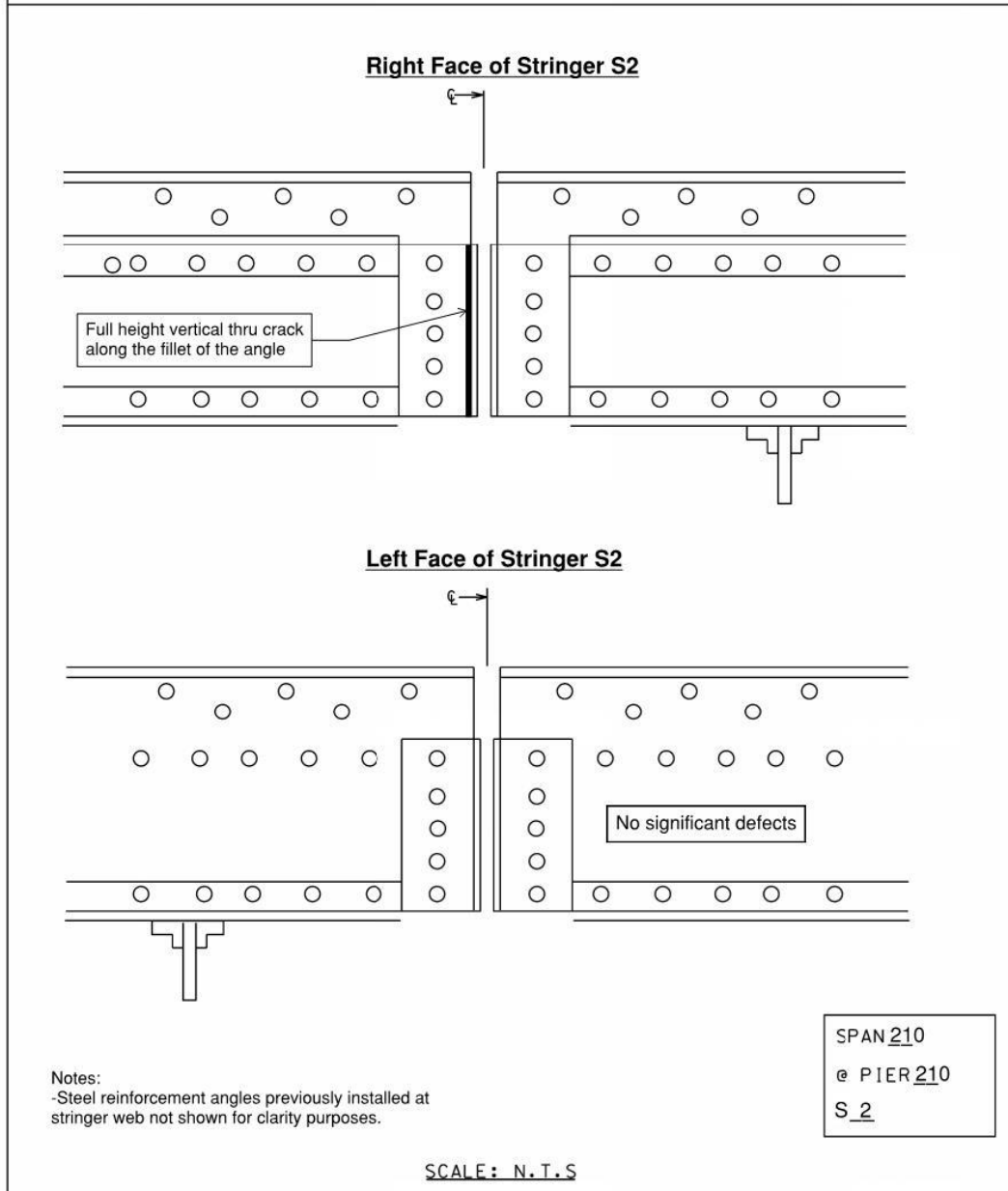
BIN: 1065318

Team: AA/TS

Date: 07/18/2022

Span: 210

Location: Stringer S2 at Pier 210

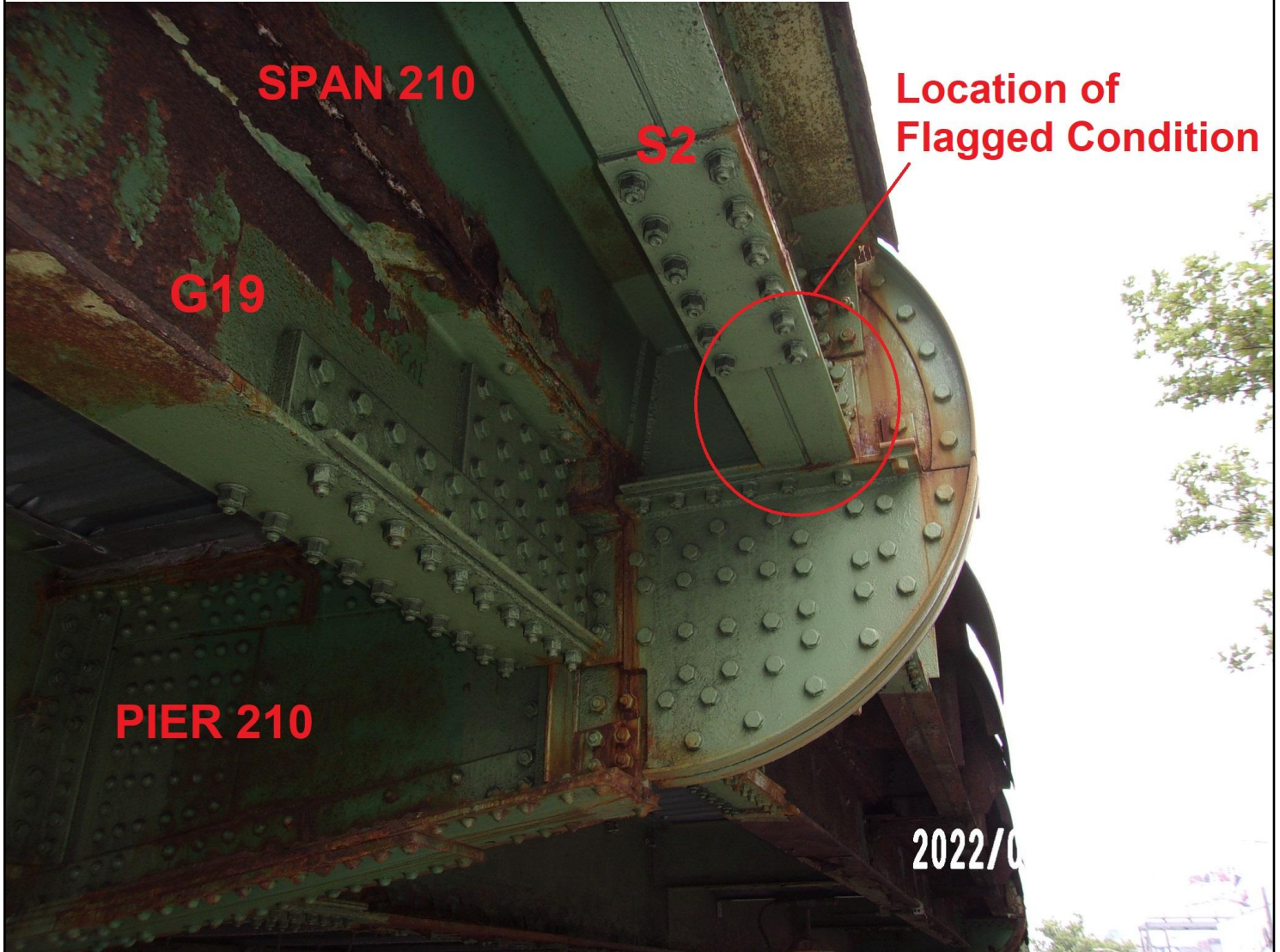


wsp

Attachment Description: Yellow Flag Condition Sketch

Photo Number: 3

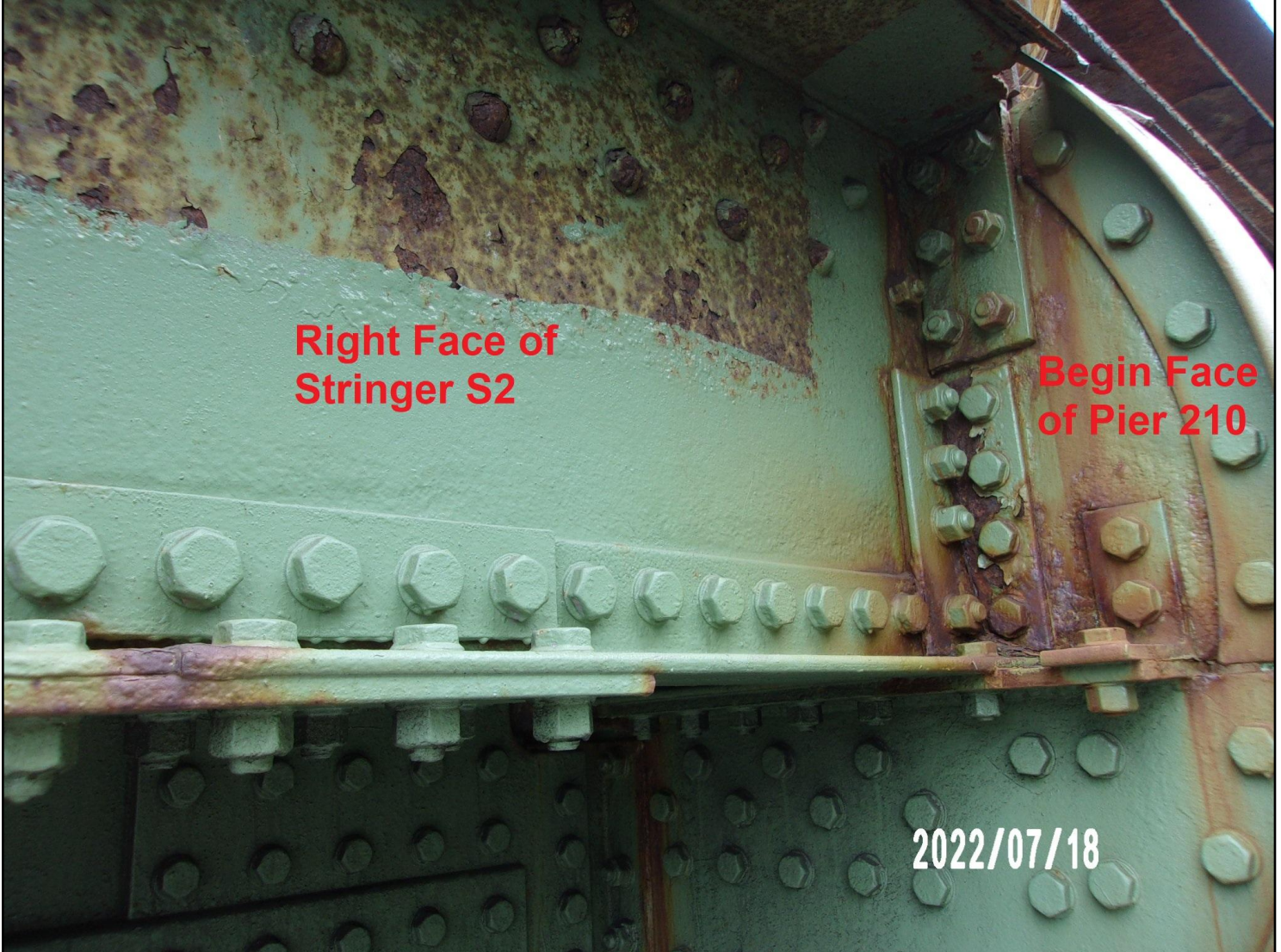
Photo Filename: 22_113_1571.JPG



Attachment Description: General view of the flagged condition at Stringer S2 in Span 210 at Pier 210. Looking End.

Photo Number: 4

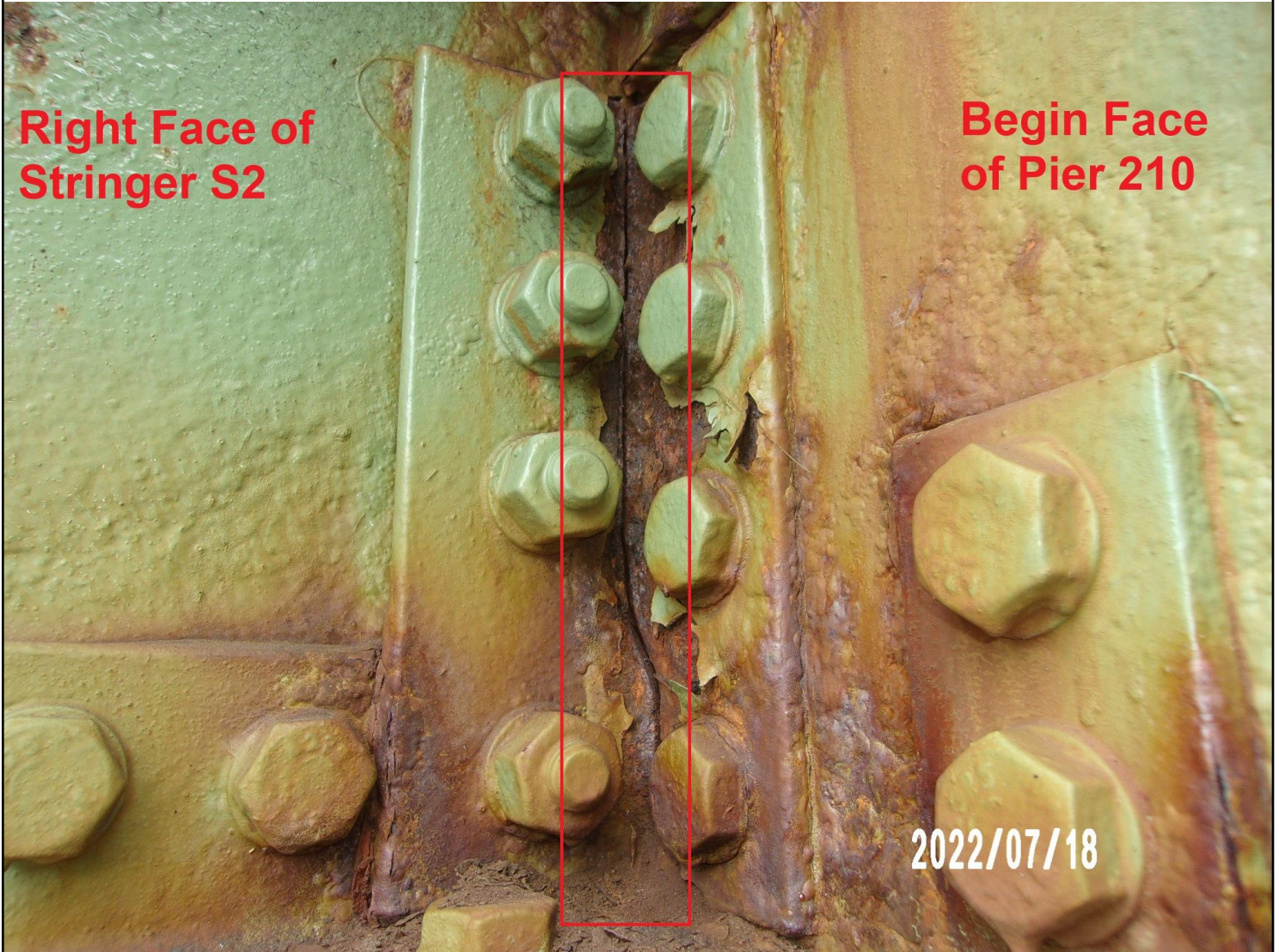
Photo Filename: 22_113_1572.JPG



Attachment Description: General view of the right face of Stringer S2 in Span 210 at Pier 210 where the right connection angle exhibits a full height vertical thru crack along the fillet of the angle (See also Photo No.5). Looking End and Left.

Photo Number: 5

Photo Filename: 22_113_1577.JPG



Attachment Description: The right face of Stringer S2 in Span 210 at Pier 210. The right connection angle exhibits full height vertical thru crack along the fillet of the angle. Looking End and Left.

Photo Number: 6

Photo Filename: 22_113_1573.JPG



Attachment Description: The left face of Stringer S2 in Span 210 at Pier 210. The left connection angle at the stringer exhibits no significant defects. Looking End and Right.